

# Converting Colors

Hex(13A5DA)

Have a look what the booklet for  
Hex(13A5DA) contains.

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# Color

Hex(13A5DA)

# Conversions

## Conversions Part 1

Format	Color
Hex	13A5DA
RGB	19, 165, 218
RGB Percent	7%, 65%, 85%
CMY	0.9255, 0.3529, 0.1451
CMYK	0.91, 0.24, 0.00, 0.15
HSL	196°, 84%, 46%
HSV	196°, 91%, 85%
XYZ	26.3786, 32.1107, 71.1373
YIQ	127.3880, -104.0290, -14.4690

# Conversions

## Conversions Part 2

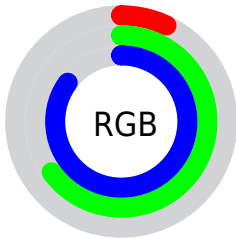
Format	Color
R <sub>Y</sub> B	19, 103, 218
Decimal	1287642
CIE Lab	63.43, -16.25, -36.59
CIE LCh	63, 40.033, 246.057
Yxy	32.1107, 0.2035, 0.2477
Android (android.graphics.Color)	4279477722 (0xFF13A5DA)
YUV	127.3880, 44.6717, -95.0563
Hunter-Lab	56.6663, -16.0729, -34.7647




# Details

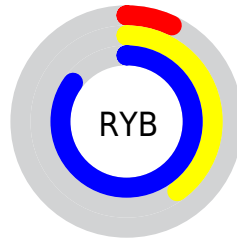
The Hex color **13A5DA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **DA4813**, and the grayscale version is **7F7F7F**.




A 20% lighter version of the original color is **6CDCFF**, and **0071A3** is the 20% darker color. If you saturate the color by 10%, you get **00A0DA**, and if you desaturate by 10%, it is **29ABDA**.

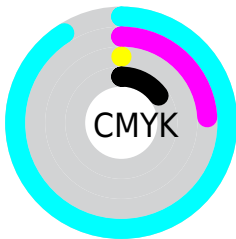
# Distribution







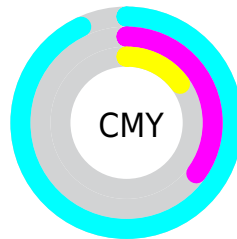
-  Red (7%)
-  Green (65%)
-  Blue (85%)






-  Red (7%)
-  Yellow (40%)
-  Blue (85%)



-  Cyan (91%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (15%)



-  Cyan (93%)
-  Magenta (35%)
-  Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13A5DA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 13A5DA by changing the saturation by 10% instead.



 13A5DA

 13A5DA


FFFFFF

 008BBE

 6CDCFF

 0071A3

 8CF9FF

 005988

 ABFFFF

 00416F

 CAFFFF

 002B56

 E9FFFF

 00183E

 000328

 000112

 000000

■ 13A5DA

■ 13A5DA

■ 00A0DA

■ 29ABDA

■ 3FB1DA

■ 54B6DA

■ 6ABCD A

■ 80C2DA

■ 96C8DA

■ ACCEDA

■ C1D3DA

■ D7D9DA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00ABC2



13A5DA



6F9BE0

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13A5DA



DD7D94



83A45E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13A5DA



DA4813

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A99A51



13A5DA



DA8271

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13A5DA



CC82B7



C88D59



55AA7B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13A5DA



9692DA



C88D59



90A158

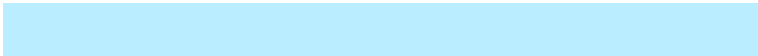


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13A5DA



BAEDFF



13DA45



577580



000000



808080

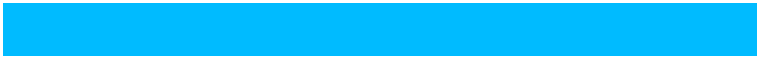


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13A5DA



00BBFF



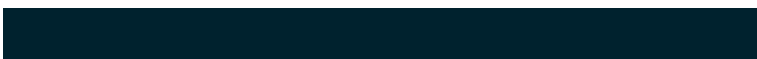
1345DA



636B6E



007FAD



00222E



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DA13A5



FF00BB



DAA813



6E636B



AD007F



2E0022



# Previews

## White Background



This preview shows how the Hex color 13A5DA looks on a white background.

## Color Contrast Check

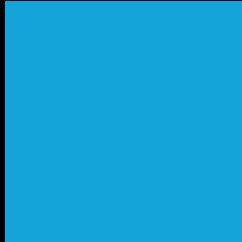
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 13A5DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

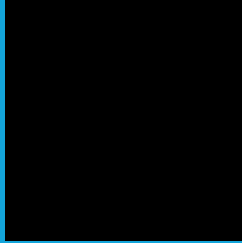
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 13A5DA Background



This preview shows how black text looks on a background with the Hex color 13A5DA.

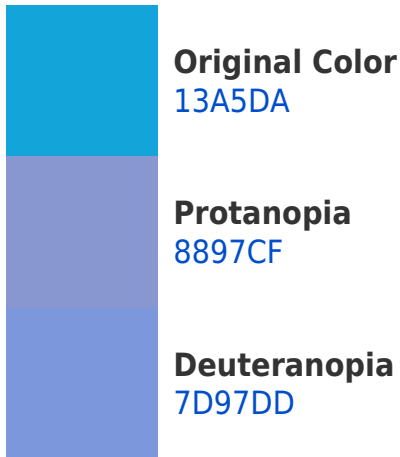


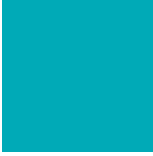
This preview shows how white text looks on a background with the Hex color 13A5DA.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

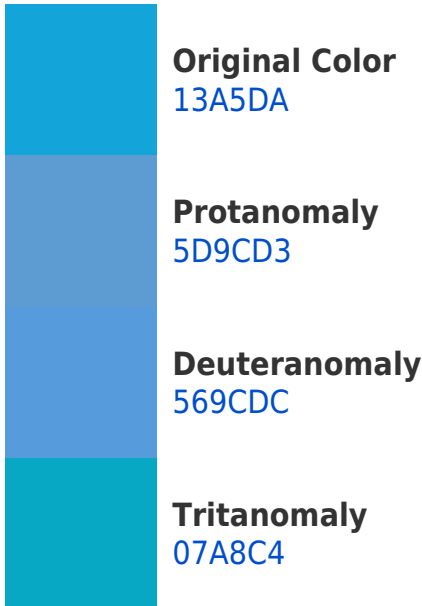
## Dichromacy



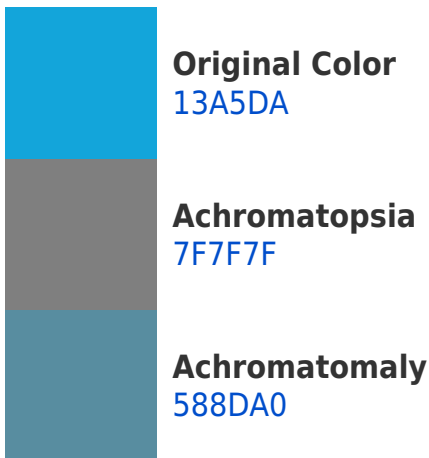


**Tritanopia**  
00AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13A5DA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #13A5DA looks like.

```
.text, #text, p{  
    color:#13A5DA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #13A5DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A5DA
}
```

## Border

The CSS property to change the border of an element to Hex 13A5DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13A5DA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#13A5DA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #13A5DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A5DA; -webkit-box-shadow:4px 4px  
4px 4px #13A5DA; box-shadow:4px 4px 4px  
4px #13A5DA }
```

# Background

The CSS property to change the background color of an element to Hex 13A5DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A5DA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#13A5DA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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